EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ronald Neerings on 09/03/2008.

The application has been amended as follows:

Claim 1 rewrite as: A method of wireless communication that comprises:

receiving a beacon frame that specifies a rotation sequence and a hopping sequence;

determining if missing a subsequent beacon frame; and

using the rotation sequence and hopping sequence received previously to determine a current frequency hopping sequence for a current superframe following the missed beacon frame.

Claim 12 rewrite as: A piconet member device that comprises:

an antenna; a processor coupled to the antenna to receive and transmit piconet communications; and

a memory coupled to the processor, wherein the memory stores software that configure the processor to:

detect beacon frames in the received piconet communications, wherein the beacon frames delineate piconet superframes; and

obtain from the beacon frames a rotation sequence for frequency hopping sequences [.] **;**

determine if a beacon frame has been missed, and

use the rotation sequence to determine a frequency hopping sequence for each superframe following a missed beacon frame.

Claim 13: (cancelled)

Claim 14 rewrite as: The device of claim ~~13~~ **12**, wherein the software further configures the processor to:

use the frequency hopping sequences determined from the rotation sequence to receive data frames sent during superframes following missed beacon frames.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Claims 1 – 12 and 14 - 21 are allowable over prior art of record. The prior art of record failed to teach a method of wireless communication that comprises: receiving a beacon frame that specifies a rotation sequence and a hopping sequence (A rotation sequence specify the order in which the hopping sequences are employed); determining if missing a subsequent beacon frame; and using the rotation sequence and hopping sequence received previously to determine a current frequency hopping sequence for a current superframe following the missed beacon frame as claimed in the independent claim 1 and similarly claimed in independent claims 8, 12, and 18. Thus claims 1 – 12, and 14 - 21 are novel and unobvious over prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAISON JOSEPH whose telephone number is (571)272-6041. The examiner can normally be reached on M-F 9:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. J./
Examiner, Art Unit 2611

/Chieh M Fan/
Supervisory Patent Examiner, Art Unit 2611